

Packet03, Data Synchronization, and More in repo-sql

- repo-sql: alternate NDN repository implemented backed by a SQL database.
 - <https://github.com/3rd-ndn-hackathon/repo-sql>
- This project: a refresh of repo-sql.
 - **NDN Packet Format 0.3**: Selectors are gone.
 - Redesign database schema and query procedure.
 - Reimplement QueryProcessor without selectors.
 - Add some **commands**: let's compete with repo-ng.
 - TCP bulk insertion.
 - Data insertion command.
 - Data **synchronization** using PSync: repo-ng does not have this, but we have.
 - Start with one-way mirroring: secondary instance mirrors a subset of Data from primary instance.
- Requirement: can write C++14 and know ndn-cxx.